

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start		Rating **	A	Issue No.	6		
LM End		Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Flood Preparedness & Training				°		°
					°		°
DWR ID	DWR_RD2058_01_s _ 2013_6						
Action/Comments							
Inspector Comments: The LMA has current flood fight training.							

No Photos

LM Start		Rating **	A	Issue No.	7	
LM End		Issue Type +	Ma	Location *	N/A	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Emergency Supplies & Equipment				°	°
					°	°
DWR ID	DWR_RD2058_01_s _ 2013_7					
Action/Comments						
Inspector Comments: Flood fight supplies are available on-site at the office.						

No Photos

LM Start		Rating **	A	Issue No.	9	
LM End		Issue Type +	Ma	Location *	N/A	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Operations & Maintenance Manuals				°	°
					°	°
DWR ID	DWR_RD2058_01_s _ 2013_9					
Action/Comments						
Inspector Comments: The O&M Manual is available at the district office.						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	0.14	Rating **	C	Issue No.	562
LM End	0.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.803271 °	37.803271 °
				-121.419533 °	-121.419533 °
DWR ID	DWR_RD2058_01_s _ 2015_562				
Action/Comments					
Debris					
Inspector Comments: Debris contains asphalt.					

No Photos

LM Start	0.50	Rating **	C	Issue No.	301
LM End	0.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.802932 °	37.802932 °
				-121.414652 °	-121.414652 °
DWR ID	DWR_RD2058_01_s _ 2014_301				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	1.70	Rating **	A/W	Issue No.	961
LM End	1.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.804333 °	37.804615 °
				-121.393657 °	-121.392588 °
DWR ID	DWR_RD2058_01_s _ 2012_961				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: LMA removed vegetation fall 2015.					

Photo 1 of 1 : FA_2015_RD2058_111_961_20150910_00020.jpg



View if the overgrown vegetation on the waterside slope to be removed.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	1.85	Rating **	A	Issue No.	14
LM End	1.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.804801 °	37.804801 °
				-121.390950 °	-121.390950 °
DWR ID	DWR_RD2058_01_f_2015_14				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA_2015_RD2058_111_14_20151112_00025.jpg



View of the acceptable vegetation control on the landside levee slope.

LM Start	2.39	Rating **	A/W	Issue No.	16
LM End	2.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.802782 °	37.802782 °
				-121.381413 °	-121.381413 °
DWR ID	DWR_RD2058_01_s_2012_16				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: Elderberry growing on landside toe. The LMA maintains the shrub to allow visibility.					

No Photos

LM Start	2.61	Rating **	A/W	Issue No.	63
LM End	2.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.801962 °	37.801962 °
				-121.377684 °	-121.377684 °
DWR ID	DWR_RD2058_01_s_2012_63				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: Elderberry on waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	2.63	Rating **	A/W	Issue No.	64
LM End	2.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.801876 °	37.801876 °
				-121.377291 °	-121.377291 °
DWR ID	DWR_RD2058_01_s _ 2012_64				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	2.64	Rating **	A/W	Issue No.	65
LM End	2.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.801823 °	37.801823 °
				-121.377068 °	-121.377068 °
DWR ID	DWR_RD2058_01_s _ 2012_65				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	2.72	Rating **	A/W	Issue No.	66
LM End	2.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.801497 °	37.801497 °
				-121.375586 °	-121.375586 °
DWR ID	DWR_RD2058_01_s _ 2012_66				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	2.75	Rating **	A/W	Issue No.	17
LM End	2.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.801367 °	37.801367 °
				-121.375094 °	-121.375094 °
DWR ID	DWR_RD2058_01_f _ 2015_17				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: LMA removed vegetation fall 2015.					

Photo 1 of 1 : FA_2015_RD2058_111_17_20151112_00026.jpg



View of the willows on the waterside levee slope.

LM Start	3.37	Rating **	A/W	Issue No.	27
LM End	3.37	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.796421 °	37.796421 °
				-121.366254 °	-121.366254 °
DWR ID	DWR_RD2058_01_s _ 2012_27				
Action/Comments					
Pipe					
Inspector Comments: Drainage discharge.					

No Photos

LM Start	3.53	Rating **	A/W	Issue No.	68
LM End	3.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.794396 °	37.794396 °
				-121.364944 °	-121.364944 °
DWR ID	DWR_RD2058_01_s _ 2012_68				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: The LMA maintains the shrub to allow visibility.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
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Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	3.72	Rating **	M	Issue No.	974
LM End	3.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.791856 °	37.791856 °
				-121.363514 °	-121.363514 °
DWR ID	DWR_RD2058_01_s _ 2012_974				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: Flagged bushes obstructing visibility and access.					

No Photos

LM Start	3.91	Rating **	A/W	Issue No.	22
LM End	3.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.789434 °	37.789434 °
				-121.361721 °	-121.361721 °
DWR ID	DWR_RD2058_01_s _ 2014_22				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: LMA removed vegetation in Fall 2015.					

Photo 1 of 1 : FA_2015_RD2058_111_22_20150910_00009.jpg



View of the tall vegetation on the landside levee slope and toe.

LM Start	3.96	Rating **	M	Issue No.	26
LM End	3.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.789128 °	37.789128 °
				-121.361042 °	-121.361042 °
DWR ID	DWR_RD2058_01_s _ 2012_26				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: Elderberry on landside hinge point.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	3.97	Rating **	A/W	Issue No.	69
LM End	3.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.789062 °	37.789062
				-121.360848 °	-121.360848
DWR ID	DWR_RD2058_01_s _ 2012_69				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	4.31	Rating **	A/W	Issue No.	71
LM End	4.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.789794 °	37.789794 °
				-121.354883 °	-121.354883 °
DWR ID	DWR_RD2058_01_s _ 2012_71				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	4.43	Rating **	M	Issue No.	1
LM End	4.47	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.789810 °	37.789810 °
				-121.352490 °	-121.352490 °
DWR ID					

Action/Comments

Inspector Comments: 08/04/2015: No significant change observed.
 08/26/2014: No significant change observed.
 08/28/2013: No significant change observed.
 07/26/2012: The site has been visited, and no significant change has been observed.
 09/02/2011: This site was not visited due to the time limit.
 09/22/2010: No significant change observed. Minor pocket erosions are lined at the lower bank. Two large Oak and Willow trees are on mid-slope and bench. The remaining bench was re-measured and found to be approximately 10 feet. There was no indication of active erosion on site during the site visit.
 08/05/2010: Recommended for annual assessment and monitoring of the site during flood events, per CLRO.
 07/23/2009: No major change observed since last visit; site is a 200-ft. long near-vertical berm erosion; recommend annual assessment and monitoring of the erosion site, per CLRO CES Evaluation 2008 Report; Site # is the same site previously reported as RM4.0,LM4.51; previously rated "U".
 09/10/2008: Two large trees (2-3' DBH) with partial roots exposed.
 2007: Visited site 03/13/2007. [2015 Site ID:RD2058U01RM3.97]

Photo 1 of 3 : SJR2015_RD2058U01RM3.97_13.jpg



Direct view of the erosion near a tree.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	4.43	Rating **	M	Issue No.	1 (cont)
LM End	4.47	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.789810 °	37.789810 °
				-121.352490 °	-121.352490 °
DWR ID					

Action/Comments

Inspector Comments: 08/04/2015: No significant change observed.
 08/26/2014: No significant change observed.
 08/28/2013: No significant change observed.
 07/26/2012: The site has been visited, and no significant change has been observed.
 09/02/2011: This site was not visited due to the time limit.
 09/22/2010: No significant change observed. Minor pocket erosions are lined at the lower bank. Two large Oak and Willow trees are on mid-slope and bench. The remaining bench was re-measured and found to be approximately 10 feet. There was no indication of active erosion on site during the site visit.
 08/05/2010: Recommended for annual assessment and monitoring of the site during flood events, per CLRO.
 07/23/2009: No major change observed since last visit; site is a 200-ft. long near-vertical berm erosion; recommend annual assessment and monitoring of the erosion site, per CLRO CES Evaluation 2008 Report; Site # is the same site previously reported as RM4.0,LM4.51; previously rated "U".
 09/10/2008: Two large trees (2-3' DBH) with partial roots exposed.
 2007: Visited site 03/13/2007. [2015 Site ID:RD2058U01RM3.97]

Photo 2 of 3 : SJR2015_RD2058U01RM3.97_2.jpg



Direct view of the erosion near a tree.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	4.43	Rating **	M	Issue No.	1 (cont)
LM End	4.47	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.789810 °	37.789810 °
				-121.352490 °	-121.352490 °
DWR ID					
Action/Comments					
Inspector Comments: 08/04/2015: No significant change observed. 08/26/2014: No significant change observed. 08/28/2013: No significant change observed. 07/26/2012: The site has been visited, and no significant change has been observed. 09/02/2011: This site was not visited due to the time limit. 09/22/2010: No significant change observed. Minor pocket erosions are lined at the lower bank. Two large Oak and Willow trees are on mid-slope and bench. The remaining bench was re-measured and found to be approximately 10 feet. There was no indication of active erosion on site during the site visit. 08/05/2010: Recommended for annual assessment and monitoring of the site during flood events, per CLRO. 07/23/2009: No major change observed since last visit; site is a 200-ft. long near-vertical berm erosion; recommend annual assessment and monitoring of the erosion site, per CLRO CES Evaluation 2008 Report; Site # is the same site previously reported as RM4.0,LM4.51; previously rated "U". 09/10/2008: Two large trees (2-3' DBH) with partial roots exposed. 2007: Visited site 03/13/2007. [2015 Site ID:RD2058U01RM3.97]					

Photo 3 of 3 : SJR2015_RD2058U01RM3.97_5.jpg



Direct view of a pocket erosion site.

LM Start	4.77	Rating **	U	Issue No.	15
LM End	4.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.785862 °	37.785862 °
				-121.350303 °	-121.350303 °
DWR ID	DWR_RD2058_01_f_2013_15				
Action/Comments					
Note and monitor erosion site. Inspector Comments: The erosion has about a 3 foot vertical cut at the waterside levee toe.					

Photo 1 of 1 : FA_2015_RD2058_111_15_20150910_00006.jpg



View of the erosion at the waterside levee toe.

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Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	4.81	Rating **	A/W	Issue No.	18
LM End	4.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.785265 °	37.785265 °
				-121.350060 °	-121.350060 °
DWR ID	DWR_RD2058_01_f _ 2015_18				
Action/Comments					
Trim trees to at least five feet above ground level.					
Inspector Comments: LMA trimmed the tree fall 2015.					

Photo 1 of 1 : FA_2015_RD2058_111_18_20151112_00027.jpg



View of the branch touching the waterside levee slope.

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